# Abstract

The purpose of this project is to create a new facility and database design to replace the current Research Development Center located on the campus of California Polytechnic State University San Luis Obispo and the database in use at the facility. Currently the Research Development Center is a condemned building and the database lacks up-to-date technology. The project will develop new designs for both, based on concurrent engineering. The outcome of the project will be a new design for a new building that increases capacity and capability; a new database design that integrates newer technologies and methods for tracking tools.